

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A. or
operations suspended

6-16-59

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

I W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

OW

VW

TA

GW

CS

FA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E

I

E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

Others

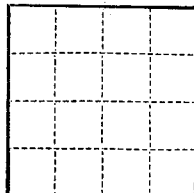
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee tribal

Lease No. 14-30-603-393



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo "A" Cortez, Colorado May 13, 1959

Well No. 18 is located 2080 ft. from N line and 660 ft. from W line of sec. 21

SW, NW Sec. 21 41S 24E SLM

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

White Mesa San Juan Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the ungraded ground above sea level is 4760.4 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drill 17-1/2" hole to approximately 160', set 160' of 13-3/8" conductor pipe and cement to surface. Drill 11" hole to approximately 1600', set 8-5/8" casing and cement to surface. Drill 7-7/8" hole to total depth of approximately 5800', run 5-1/2" casing and cement with approximately 250 sacks cement. Complete in Desert Creek Formation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum Company

Address P. O. Drawer 1150

Cortez, Colorado

By C. M. Miles

Title District Superintendent

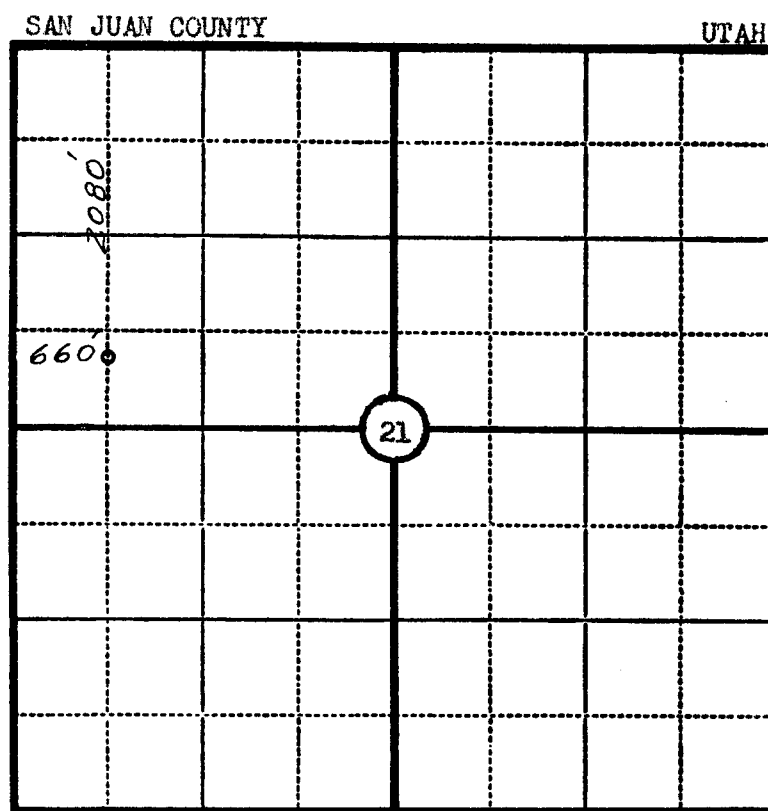
Company..... PHILLIPS PETROLEUM COMPANY

Lease..... **NAVAJO "A"** Well No. **18**

Sec. **21** , T. **41 SOUTH** , R. **24 EAST**, SLM

Location..... **2080' FROM THE NORTH LINE AND 660' FROM THE WEST LINE**

Elevation..... **4760.4** UNGRADED GROUND



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

James P. Leese

Registered Land Surveyor.

James P. Leese

Utah Reg. No. 1472

Surveyed **27** February , 19 **59**

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

May 15, 1959

Phillips Petroleum Company
P. O. Drawer 1150
Cortez, Colorado

Attention: C. M. Boles, District Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo A-18, which is to be located 2080 feet from the north line and 660 feet from the west line of Section 21, Township 41 South, Range 24 East, S1M, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:ep

cc: Phil McGrath, Dist. Eng.
USGS, Farmington,
New Mexico

2

(SUBMIT IN TRIPLICATE)

Indian Agency NavajoUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAllottee TribalLease No. 14-20-403-355

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Dortez, Colorado September 1, 19 59

Navajo "A"

Well No. 18 is located 2080 ft. from N line and 660 ft. from E line of sec. 21

SW, NW Sec. 21

41S

24E

51M

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

White Mesa

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the ~~datum~~ ungraded ground above sea level is 4760.4 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 5:00 A.M. 5-22-59. Drilled 17-1/4" hole to 165'. Set and cemented 4 jts. 27.1# Armo SW SJ, 1 jt. 48# H-40 Std ST&C, 1 jt. 36# J-55 SW SJ casing at 165' with 175 ex. regular cement, 2% Calcium Chloride. Pumped plug to 140' at 5:15 P.M. 5-22-59. Circulated 50 ex. cement to surface.

Drilled 11" hole to 1521'. Set and cemented 8-5/8" 24# Std J-55 ST&C casing with Baker float collar and guide shoe at 1520.49' with 330 ex. regular cement, 126 ex. Diaseal D, 620# Calcium Chloride, 165# Flocele, 660# Tuff Plug followed with 125 ex. regular cement. Pumped plug to 1493' with 1700# at 1:05 A.M. 5-25-59. Circulated estimated 175 cu. ft. to surface and dropped back. Filled annulus with 100 ex. regular cement, 2% Calcium Chloride. W.O.C. 24 hours. Tested casing to 750# 30 minutes - held okay.

(Continued on reverse side)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum CompanyAddress P. O. Drawer 1150Dortez, ColoradoBy C. H. BolesTitle District Superintendent

Drilled 7-7/8" hole to 5766' 7:45 A.M. 6-12-59. Ran Schlumberger ES Induction Micro Caliper, Gamma-Ray-Neutron logs to 5767'. Set and cemented 178 jts. 5-1/2" OD 14# J-55 Std thd ST&C casing at 5764.62' with 132 sx. cement, 100 sx. Diacel "D", 496# calcium chloride. Pumped plug to 5736 at 7:30 A.M. 6-13-59. W.O.C. 24 hours. Tested casing to 1000# for 30 minutes - held o.k.

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal
Lease No. 11-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Cortez, Colorado September 1, 1959

Navajo "A"

Well No. 18 is located 2000 ft. from N line and 660 ft. from W line of sec. 21

SW, NW Sec. 21
(1/4 Sec. and Sec. No.)

41S
(Twp.)

24E
(Range)

51M
(Meridian)

White Mesa
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

ungraded ground

The elevation of the ~~drillhole~~ above sea level is 4760.4 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Picked up tubing and tagged bottom at 5736' (top cement plug). Pulled tubing and ran Gamma Ray Collar Locator log to 5736'. Perforated Desert Creek (5-1/2" casing) with 4 dyna jet shots/foot EL and RL measurements from 5562-5601. Ran 180 jts. 2-7/8" OD LUE tubing with Baker EGJ hookwall packer and set tubing at 5729.42'. Packer at 5475'. Released rotary 12:00 noon 6-14-59.

Moved in Bivins & Smoot Well Service Unit, rigged up, displaced water with 92 BO. Acidized Desert Creek perforations (5562 to 5601) with 4000 gallons 15% regular acid 6-16-59. Maximum pressure 3500#, minimum pressure 2000#. Treating rate 4.3 BPM. Flush rate 1.1 BPM. Bled from 2000 to 1400# in 2 minutes. Flowed 414 BO, no water through 37/64" choke in 24 hours 6-16-59. GOR 49%. FTP 115#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum Company

Address P. O. Drawer 1190

Cortez, Colorado

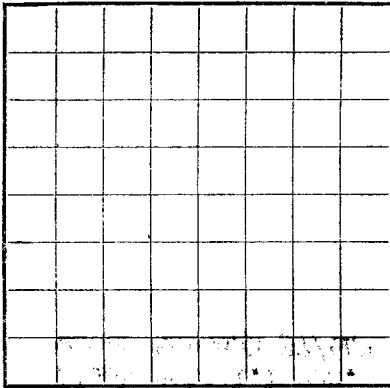
By

C. M. Boles

Title District Superintendent

Form 9-330

U. S. LAND OFFICE Navajo
SERIAL NUMBER 14-20-603-355
LEASE OR PERMIT TO PROSPECT Tribal



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Address P. O. Drawer 1150, Cortez, Colorado
Lessor or Tract Navajo "A" Field White Mesa State Utah
Well No. 14 Sec. 21 T. 41S. 24E Meridian SIM County San Juan
Location 2820 ft. N of N Line and 660 ft. E of N Line of Sec. 21 Elevation 4773
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date September 2, 1959 Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling May 22, 1959, 1959 Finished drilling June 12, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Fresh or brackish water is present in all sands from surface to 2820'. Salt water is present in the Paradox formation below 5733'. No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	27.1	8 rd	J-55	109	Reactor	5502			Seal and pack
13-3/8	27.1	8 rd	J-55	35	Reactor				Seal and pack
13-3/8	27.1	8 rd	J-55	11	Reactor				Seal and pack
8-5/8	24	8 rd	J-55	2512	Reactor	5502			Seal and pack
5-1/2	14	8 rd	J-55	5796	Reactor				Seal and pack

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	165	175	Circulated		
8-5/8	1520	800 cu ft	Circulated (filled annulus w/11 100 sx. reg cem		
5-1/2	5764	550 cu ft	Halliburton		12% CG

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

5-1/2 5764 550 cu. ft. Halliburton 142 (W)

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5766 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

~~September 2~~, 19 ~~59~~ Put to producing ~~June 16~~, 19 ~~59~~

The production for the first 24 hours was ~~414~~ barrels of fluid of which ~~100~~% was oil;% emulsion;% water; and% sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. ~~1425 (-900)~~

EMPLOYEES

~~Moran Bros., Inc.~~, Driller Driller

..... Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1521	2350	829	Chinle
2350	2420	70	Shinarump
2420	2537	117	Moenkapi
2537	2627	90	Cutler - Hoskinini Equivalent
2627	2820	193	Cutler - De Chelly Member
2820	4573	1753	Cutler - Organ Rock Member
4573	5416	843	Honaker Trail
5416	5766	350	Desert Creek (Paradox)

(OVER)

BOSTON AREA RECORDS—OIL FIELD

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spudded 5:00 A.M. 5-22-59. Drilled 17-1/4" hole to 165'. Set and cemented 4 jts. 27.1# Armco SW SJ, 1 jt. 48# H-40 SW SJ, 1 jt. 36# J-55 SW SJ casing at 165' with 175 ex. regular cement, 2% Calcium Chloride. Pumped plug to 140' at 5:15 P.M. 5-22-59. Circulated 50 ex. cement to surface.

Drilled 11" hole to 1521'. Set and cemented 24# 8rd J-55 ST&C casing with Baker float collar and guide shoe at 1520.49' with 330 ex. regular cement, 126 ex. Diacel "D", 620# Calcium Chloride, 165# Flocele, 660# Tuff Plug followed with 125 ex. regular cement. Pumped plug to 1493' with 1700# at 1:05 A.M. 5-25-59. Circulated estimated 175 cu. ft. to surface and dropped back. Filled annulus with 100 ex. regular cement, 2% Calcium Chloride. W.O.C. 24 hours. Tested casing to 750# for 30 minutes - held okay.

Drilled 7-7/8" hole to 5766' 7:45 A.M. 6-12-59. Ran Schlumberger S Induction Micro Caliper, Gamma-Ray-Neutron logs to 5767'. Set & cemented 178 jts. 5-1/2" OD 14# J-55 8rd thd ST&C casing at 5764.62' with 132 ex. cement, 100 ex. Diacel "D", 496# Calcium Chloride. Pumped plug to 5736 at 7:30 A.M. 6-13-59. W.O.C. 24 hours. Tested casing to 1000# for 30 minutes - held o.k.

Picked up tubing and tagged bottom at 5736' (top cement plug). Pulled tubing and ran Gamma Ray Collar Locator log to 5736'. Perforated Desert Creek (5-1/2" casing) with 4 dyna jet shots/foot and 14 measurements from 5562-5601. Ran 100 jts. 2-7/8" OD BUE tubing with Baker 401 hookwall packer and set tubing at 5729.42'. Packer at 5475'. Released rotary 12:00 noon 6-14-59.

Moved in Divine & Soot Well Service Unit, rigged up, displaced water with 92 BO. Acidised Desert Creek perforations (5562 to 5601) with 1000 gallons 15% regular acid 6-16-59. Maximum pressure 3500#, minimum pressure 2000#. Treating rate 4.3 BPM. Flush rate 1.1 BPM. Bled from 2800 to 1100 in 2 minutes. Flowed 14 BO, no water through 37/64" choke in 24 hours 6-16-59. GOR 4%. RFP 11%.

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

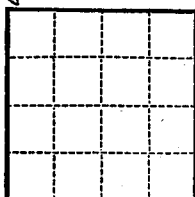
(SUBMIT IN TRIPLICATE)

Indian Agency Nevado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allettee Tribal

Lease No. 14-20-603-333



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Cortez, Colorado May 3, 19 61

Nevado "A"

Well No. 18 is located 2080 ft. from N line and 660 ft. from W line of sec. 21

SW, NW, Sec. 21

(1/4 Sec. and Sec. No.)

41S

(Twp.)

24E

(Range)

31M

(Meridian)

NEVER Ratherford

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~drill floor~~ ungraded ground above sea level is 4760.4 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Pull rods and 2-1/2" tubing; run 3-1/2" OD tubing; free with 40,000 gallons treated salt water with 3100# 12/16 mesh aluminum pellets; pull 3-1/2" OD tubing, re-run 2-1/2" tubing and rods; return well to production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum Company

Address P. O. Box 1150

Cortez, Colorado

By

C. M. Boles

Title District Superintendent

Navajo

Indian Agency

(SUBMIT IN TRIPLICATE)

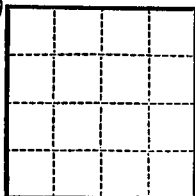
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Tribal

Allettee

14-20-603-355

Lease No.



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 22, 1961

19

Navajo 2A^W
Well No. 18 is located 2080 ft. from N line and 660 ft. from XXX line of sec. 21
SW NW Sec. 21 41S 24E SIM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ratherford San Juan Utah
(Field) (County or Subdivision) (State or Territory)

ungraded ground

The elevation of the ~~divide floor~~ above sea level is 4760.4 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On 5-7-61 moved in Well Service Unit. Pulled rods and 2-1/2" EUE tubing. Installed high pressure head and tested connections. Ran 3-1/2" x 5-1/2" Brown SOS Treating packer on 3-1/2" extremeline tubing, tubing set at 5485', packer at 5478'. Fractured formation using 37,000 gals. water with 0.34#/gallon Dowell J-101 and 3100# 12/16 mesh aluminum pellets. Flushed with 2100 gals. treated water. Treating pressure 5900 psi. Final pressure 5900 psi. Had instantaneous shut down pressure of 3400 psi. 10 min. SIP 1600 psi. Average injection rate 33.4 BWPM. Pulled 3-1/2" tubing and Brown SOS treating packer. Removed fracing head, installed pumping head. Ran 2-1/2" EUE tubing, ran rods and 1-3/4" pump, started well pumping at 3:00 P.M. 5-11-61. Checked fillup in casing at 5687', 49' of fill up.
AVERAGE PRODUCTION BEFORE FRAC: 26 BO, 16.3 MCF Gas., 0 BW in 24 hours
AVERAGE PRODUCTION AFTER FRAC: 21 BO, 8.9 MCF Gas., 0 BW in 24 hours

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum CompanyAddress P. O. Box 1150Cortez, Colorado

By

C. M. Boles

Title District Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-355

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo - Tribal

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

21-12

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 21-T418-R24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

Box 2920, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

2080' FNL & 660' FWL, SW NW

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

RKB 4775'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Perforate Another Zone

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to perforate well in Zone II from 5676-78' and Zone III from 5720-25' with 2 SPF, Acidize with 4000 gallons 28% HCL in 2 stages, and return to commingled Zone I, II, and III production.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: November 28, 1978

BY: Ph. Suscail

3 - USGS - Farmington, NM
2 - Utah O & GCC - SLC, Utah ✓
1 - Superior Oil Co., Conroe, TX
1 - File

18. I hereby certify that the foregoing is true and correct

Original Signed By

SIGNED D. J. Fisher

TITLE Operations Superintendent

DATE November 14, 1978

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-355
2. NAME OF OPERATOR Phillips Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo - Tribal
3. ADDRESS OF OPERATOR P. O. Box 2920, Casper, Wyoming 82602		7. UNIT AGREEMENT NAME SW-1-4192
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2060' PHL & 660' PHL, SW 1/4		8. FARM OR LEASE NAME Rathorford Unit
14. PERMIT NO. 43-037-15752		9. WELL NO. 21-12
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4775' HKB		10. FIELD AND POOL, OR WILDCAT Greater Anath
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21-T15-R24E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/> Port 2 IWB, Acidized & Returned to	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	PLUG.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED FOR COMPLETE DETAILS

3 - USGS, Farmington, NM
2 - Utah O&G CC, Salt Lake City, UT
1 - Superior Oil Company, Conroe, TX
1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED B. J. Fisher TITLE Operations Superintendent DATE June 7, 1979
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Lease Ratherford Unit Well No. 21-12 Authorization No. P-9700

Summary of Work Performed:

February 13 through April 30, 1979 - Perforated Zone III 5720-25' and Zone II 5676-78'. Acidized w/4000 gal 28% HCL and Returned to a Commingled Desert Creek Zone I, II & III Well from Perfs 5562-5725' OA.

AVERAGE DAILY PRODUCTION				
	Field and Formation	Oil	Gas	Water
Before Work	Desert Creek Greater Aneth - Zone I	23	16	118
After Work	Desert Creek Greater Aneth - Zone I, II & III	40	29	369
Before Work				
After Work				

DATE P.T.D.

DAILY REPORT OF WORK PERFORMED

Feb 13, 79 RATHERFORD UNIT NO. 21-12 PBTD 5732. INITIAL REPORT. PREPARING TO PERFORATE AND ACIDIZE. 2/13/79 - MI AND RU R AND R WS UNIT AT 9/00 AM, 2/12/79. PLD RODS AND PUMP. STRAPPED TBG OOH. INSTALLED BOP. SDON. AFE P-9700 ISSUED TO PERFORATE ZONE III INTERVAL 5720-25 FT, ACIDIZE W/4000GAL 28 PERCENT HCL IN 2 STAGES. TEST ZONE - IF OIL PRODUCTIVE, PRODUCE COMMINGLED, IF WET SET BP AT 5700 FT. LOCATION - 2080 FT FNL AND 660 FT FWL, SW NW, SEC. 21-T41S-R24E, GREATER ANETH FIELD, SAN JUAN CO., UTAH. ELEV. 4775 FT RKB. SUB AREA CODE 26. API NO. 43-037-15752. DATE LAST PRODUCED 2/11/79. LAST TEST BEFORE WORKOVER - 23 BOPD, 16 MCFGPD, 118 BWPD..

14 RATHERFORD UNIT NO. 21-12 PBTD 5732. PREPARING TO CO CSG W/BIT. RU GO WIRELINE SERVICES. WIH W/PERFORATING GUN, UNABLE TO GET BELOW 5660 FT. COOH. PU HYDRASTATIC SAND PUMP. WIH, PMPD FROM 5660-5680 FT, UNABLE TO MAKE ANY PROGRESS. COOH, REC FRAC SAND, HANDFUL OF SPRINGS AND UNIDENTIFIABLE PIECES OF METAL. LD HYDRASTATIC SAND PUMP. CLOSED WELL IN. SDON..

15 RATHERFORD UNIT NO. 21-12 PBTD 5732. PREP TO FIN COOH W/TBG AND BIT TO PERFORATE AND ACIDIZE. WIH W/TBG AND 4-3/4 IN BIT. RU REVERSE CIRC EQUIP. DRLD FROM 5680-5732 FT. REC FRAC SAND AND SMALL PIECES OF METAL. ON METAL ALL THE WAY. CIRC HOLE CLEAN. PLD 2 STDS TBG. CLOSED WELL IN. SDON..

16 RATHERFORD UNIT NO. 21-12 PBTD 5732. PREP TO COOH W/TBG AND PKR. RU GO WIRELINE. WIH W/4 IN CSG GUN AND DML CHARGES. PERFORATED W/2 JSPF FROM 5720-25 AND 5676-78 FT. RD GO. WIH W/RETRIEVAMATIC PKR, TBG TESTER AND 43 FT TAILPIPE. TSTD TBG TO 3000 PSI. DOWELL CIRC 1000 GAL 28 PERCENT, ACID ON SPOT AT 5725 FT. RAISED PKR TO 5610 FT, UNABLE TO GET PKR TO HOLD. TRIED TO SET PKR 5610-5665 FT, WOULD NOT HOLD. RAISED PKR TO 5515 FT, SET PKR. PMPD 1000 GAL SALT WTR, 3-1/4 BPM AT 2500 PSI. PMPD 2000 GAL 28 PERCENT 2/40 - 7/8 IN BALL SEALERS IN FIRST 200 GALS. PMPD 2000 GAL SALT WTR. PMPD 1000 GAL 28 PERCENT W/14 - 7/8 IN BALL SEALERS IN FIRST 100 GALS. PMPD 1600 GAL SALT WTR. FINAL RATE - 4 BPM AT 2700 PSI. AVG RATE - 3-1/4 BPM AT 2500 PSI. ISIP 2700 PSI, 15 MIN 1700 PSI. TOTAL LOAD TO REC - 205 BBLS. ACID CONTAINED 3 GAL/1000 GAL W-46 AND 1 GAL/1000 GAL F-78..

District Approval

DAILY REPORT DETAILED

LEASE Ratherford UnitWELL NO. 21-12SHEET NO. 2

DATE	TOTAL DEPTH	NATURE OF WORK PERFORMED
Feb. 79		
17-20		RATHERFORD UNIT NO. 21-12 PBTD 5732. PMPG ON TEST. 2/17/79 - GIH W/TBG. COOH W/TBG AND PKR. PKR HAD 3 PIECES METAL HUNG ON SLIP ELEMENTS. SIZES APPROX 2 IN X 2 IN AND 5 IN X 3 IN. APPEARS TO BE CSG. WELL STARTED KICKING. STARTED IH W/TBG, UNABLE TO GIH. CONNECTED WELL TO LEADLINE. SDON. 2/18/79 - PMPG ON TEST. WELL FLWD 10 BO AND 205 BLW PLUS 15 BFW. FIN RNG TBG, PUMP AND RODS. TBG INTAKE AT 5630 FT, PUMP INTAKE AT 5599 FT. RELEASED R AND R WS UNIT AT 2/00 PM, 2/17/79. PMPG AT 13-1/2 X 54 X 1-3/4. 2/19/79 - PMPG ON TEST - PMPG 24 HRS, REC 9 BO, 250 BW. 2/20/79 - LEAK IN TEST LINE, BUT WELL IS PMPG. PMPD 24 HRS, REC 10 BO, 260 BW. ALL LOAD REC..
21		RATHERFORD UNIT NO. 21-12 PBTD 5732. PMPG ON TEST. NO REPORT..
22		RATHERFORD UNIT NO. 21-12 PBTD 5732. PMPG ON TEST. PMPD 24 HRS, REC 8 BO, 318 BW..
23		RATHERFORD UNIT NO. 21-12 PBTD 5732. PMPG ON TEST. PMPD 24 HRS, REC 8 BO, 320 BW..
24-26		RATHERFORD UNIT NO. 21-12 PBTD 5732. 2/24/79 THRU 2/26/79 - PUMPING - NO TEST. INCREASED STROKE LENGTH - 13-1/2 X 74 X 1-3/4..
27		RATHERFORD UNIT NO. 21-12 PBTD 5732. PMPG ON TEST. PMPD 24 HRS, REC 4 BO, 379 BW. 651 FTF..
28		RATHERFORD UNIT NO. 21-12 PBTD 5732. PREPARING TO PKR TEST. PMPD 24 HRS, REC 5 BO, 404 BW. 837 FTF. TEMPORARILY DROP FROM REPORT WAITING ON ROADS TO DRY..
Mar. 12, 79		RATHERFORD UNIT NO. 21-12 PBTD 5732. PU FROM TEMPORARY DROP 2/28/79. 3/9/79 - PREP TO PKR TEST. PMPG FL 900 FT. PLD RODS AND PUMP. COOH W/TBG. PU 5-1/2 IN LOK-SET PKR. START IH. 3/10/79 - FIN GIH W/TBG AND LOK-SET PKR. SET PKR COMPRESSION AT 5705 FT. WELL WAS FLWG OUT ANNULUS. CLOSED IN ANNULUS. WELL DID NOT FLOW OUT TBG. RAISED PKR TO 5660 FT, WOULD NOT HOLD IN TENSION. SET PKR IN COMPRESSION. SDON. 3/11/79 - PREP TO RUN RODS AND PUMP. WELL FLWD OUT ANNULUS, BUT NOT OUT TBG. ATTEMPTED TO SET PKR IN TENSION. PLD PKR LOOSE AFTER PLG 8000 LB. MADE NUMEROUS ATTEMPTS TO SET PKR IN TENSION BETWEEN 5605-5673 FT, WOULD NOT HOLD. ATTEMPTED TO SET PKR IN TENSION BETWEEN 5680 FT AND 5715 FT, WOULD NOT HOLD, CONTINUE TO PULL LOOSE. SET PKR AT 5708 FT IN COMPRESSION. SWBD TBG DN, NO FLUID ENTRY. COOH W/TBG AND PKR. PKR HAD A 3 IN X 2 FT PIECE OF CSG HUNG ON IT. WIH W/TBG AND ANCHOR CATCHER. SDON. 3/12/79 - SD ON SUNDAY. TEMPORARILY DROP FROM REPORT PENDING TEST..

DAILY REPORT DETAILED

LEASE Ratherford Unit

WELL NO. 21-12

SHEET NO. 3

DATE
NATURE OF WORK PERFORMED

TOTAL
DEPTH

April 30,
1979

RATHERFORD UNIT NO. 21-12 PBTD 5732. PU FROM TEMP DROP 3/12/79.
4/23/79 - PMPD 24 HRS, REC 39 BO, 392 BW. 4/25/79 - PMPD 24
HRS, REC 40 BO, 360 BW. 4/27/79 - PMPD 24 HRS, REC 40 BO, 369
BW. FINAL REPORT SUMMARY. PERFORATED ZONE III 5720-25 FT AND
ZONE II 5676-78 FT. ACIDIZED W/4000 GAL 28 PERCENT HCL AND RETURNED
TO A PUMPING OIL WELL FROM COMMINGLED DESERT CREEK ZONE I, II
AND III PERFS 5562-5725 FT OA, PARADOX FORMATION, GREATER ANETH
FIELD, SAN JUAN COUNTY, UTAH, WITH A FINAL TEST OF 40 BOPD, 369
BOPD. API NO. 43-037-15752. FINAL REPORT..

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 96-004192 ✓
2. NAME OF OPERATOR Phillips Oil Company		6. IF INDIAN, ALLOTED OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 2920, Casper, WY 82602		7. UNIT AGREEMENT NAME Ratherford Unit ✓
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface See Attached		8. FARM OR LEASE NAME
14. PERMIT NO. See Attached		9. WELL NO.
15. ELEVATIONS (Show whether OF, AT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT N/A
		11. SEC., T., R., M., OR BLK. AND ACREY OR AREA See Attached
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

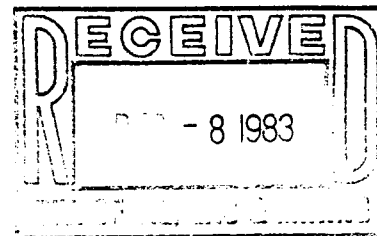
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well
(Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

To show change of Operator only. Phillips Oil Company assumed operations effective December 1, 1983 from Phillips Petroleum Company. See attached for list of wells.



Org. & 3-BLM

1-The Navajo Nation
1-Mary Wiley Black
1-Lawrence E. Brock
1-Cheveron USA
1-Ralph Fixel
1-Royal Hogan
1-W. O. Keller
1-Dee Kelly Corp.

1-Robert Klabzuba
1-Micheal J. Moncrief
1-Richard B. Moncrief
1-Lee W. Moncrief
1-Mary H. Morgan
1-W. A. Moncrief
1-W. A. Moncrief, Jr.
1-L. F. Peterson

1-Shell Oil Co.
1-Southland Royalty Co.
1-Superior Oil Co.
1-Leroy Shave
1-Texaco, Inc.
1-Wade Wiley, Jr.
1-Edwin W. Word, Jr.
1-File

18. I hereby certify that the foregoing is true and correct

SIGNED A. E. Stuart TITLE Area Manager

DATE 12/6/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL NO.WELL LOCATIONAPI NO.STATUS

E14-12	SW NW Sec.14-T41S-R24E	43-037-15998	Act.
E14-13	NW SW Sec.14-T41S-R24E	43-037-15999	SI
10-44	SE SE Sec.10-T41S-R24E	43-037-30451	Act.
15-12	SW NW Sec.15-T41S-R24E	43-037-15715	Act.
15-14	SW SW Sec.15-T41S-R24E	43-037-15716	SI
15-22	SE NW Sec.15-T41S-R24E	43-037-30449	Act.
15-32	SW NE Sec.15-T41S-R24E	43-037-15717	Act.
15-33	NW SE Sec.15-T41S-R24E	43-037-15718	SI
15-41	NE NE Sec.15-T41S-R24E	43-037-15719	Act.
15-42	SE NE Sec.15-T41S-R24E	43-037-3-448	SI
16-12	SW NW Sec.16-T41S-R24E	43-037-15720	Act.
16-14	SW SW Sec.16-T41S-R24E	43-037-15721	Act.
16-32	SW NE Sec.16-T41S-R24E	43-037-15723	Act.
16-34	SW SE Sec.16-T41S-R24E	43-037-15724	SI
16-41	NE NE Sec.16-T41S-R24E	43-037-15725	Act.
17-12	SW NW Sec.17-T41S-R24E	43-037-15726	Act.
17-14	SW SW Sec.17-T41S-R24E	43-037-15727	Act.
17-23	NE SW Sec.17-T41S-R24E	43-037-15728	Act.
17-32	SW NE Sec.17-T41S-R24E	43-037-15729	Act.
17-34	SW SE Sec.17-T41S-R24E	43-037-15730	Act.
17-41	NE NE Sec.17-T41S-R24E	43-037-15731	Act.
17-44	SE SE Sec.17-T41S-R24E	43-037-15732	Act.
18-11	NW NW Sec.18-T41S-R24E	43-037-15733	SI
18-13	NW SW Sec.18-T41S-R24E	43-037-15734	Act.
18-14	SW SW Sec.18-T41S-R24E	43-037-15735	Act.
18-23	NE SW Sec.18-T41S-R24E	43-037-30244	Act.
18-32	SW NE Sec.18-T41S-R24E	43-037-15736	Act.
18-34	SW SE Sec.18-T41S-R24E	43-037-15737	Act.
19-12	SW NW Sec.19-T41S-R24E	43-037-15739	Act.
19-14	SW SW Sec.19-T41S-R24E	43-037-15740	SI
19-32	SW NE Sec.19-T41S-R24E	43-037-15743	Act.
19-34	SW SE Sec.19-T41S-R24E	43-037-15744	Act.
20-12	SW NW Sec.20-T41S-R24E	43-037-15746	Act.
20-14	SW SW Sec.20-T41S-R24E	43-037-15747	Act.
20-32	SW NE Sec.20-T41S-R24E	43-037-15749	Act.
20-34	SW SE Sec.20-T41S-R24E	43-037-15750	Act.
21-12	SW NW Sec.21-T41S-R24E	43-037-15752	Act.
21-14	SW SW Sec.21-T41S-R24E	43-037-15753	Act.
21-23	NE SW Sec.21-T41S-R24E	43-037-13754	Act.
21-32	SW NE Sec.21-T41S-R24E	43-037-15755	Act.
21-33	NW SE Sec.21-T41S-R24E	43-037-30447	SI
21-34	SW SE Sec.21-T41S-R24E	43-037-15756	Act.
22-12	SW NW Sec.22-T41S-R24E	43-037-15757	SI
22-14	SW SW Sec.22-T41S-R24E	43-037-15758	SI
24-42	SE NE Sec.24-T41S-R24E	43-037-15863	Act.
28-11	NW NW Sec.28-T41S-R24E	43-037-30446	Act.
28-12	SW NW Sec.28-T41S-R24E	43-037-15336	Act.
29-12	SW NE Sec.29-T41S-R24E	43-037-15337	Act.
29-32	SW NE Sec.29-T41S-R24E	43-037-15339	Act.

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Satellite Gathering Station 21		3. LEASE DESIGNATION AND SERIAL NO. 14-20-603-355	
2. NAME OF OPERATOR Phillips Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 2920, Casper, Wyoming 82602		7. UNIT ASSIGNMENT NAME SW-I-4192	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Center of Section 21, T41S, R24E, SLPM, San Juan County, Utah		8. FARM OR LEASE NAME Ratherford Unit	
14. PERMIT NO.		9. WELL NO.	
15. ELEVATIONS (Show whether SP, ST, GR, etc.) 4700' MSL		10. FIELD AND POOL, OR WILDCAT Greater Aneth	
		11. SEC., T., R., N., OR BLK. AND SURVEY OF AREA Sec. 21-T41S-R24E	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANE ☐
☐
☐
☐
☐
☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐
☐
☐
☐
☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Phillips Oil Company proposes to expand surface facilities at the existing Satellite 21 gathering station, Section 21-T41S-R24E, by adding a plot 35' x 192', 0.15 acres, along the north side of the existing Section 21 tank installation and gathering station. The area is to be used to install a treater for oil well testing. The area will be fenced, bermed, and reseeded upon abandonment.

- 5- BLM, Farmington, NM
- ✓ 2- Utah O&GCC, Salt Lake City, Utah
- 1- P. J. Adamson
- 1- B. Conner, 318-B-TRW
- 1- J. R. Weichbrodt
- 1- C. M. Anderson
- 1- P. Rooney
- 1- File

Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 2/7/85
BY: John R. Baga

18. I hereby certify that the foregoing is true and correct

SIGNED

A. E. Stuart

TITLE

Area Manager

DATE

January 30, 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

RECEIVED
MAY 16 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

JAN 28 1991

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Phillips Petroleum Company

3. Address and Telephone No.
P. O. Box 1150, Cortez, CO 81321 303-565-3426

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2080' FNL & 660' FWL, SW NW, Sec 21-T41S-R24E

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

SW-I-4192

Ratherford Unit

8. Well Name and No.

Ratherford Unit #21-12

9. API Well No.

43-037-15752

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☒ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

December 10, 1990 Through December 20, 1990

MI & RU well service unit 12/10/90. Pulled rods & pump. ND wellhead, NU BOP. COOH w/ tbg. Hydrotested into hole w/bit & scraper. Replaced one jt of tbg and circ hole clean. TIH w/RBP & 5-1/2" pkr and isolated two csg leaks, the first between 2901-2932' and the second between 3336-3368'. Set cmt retainer at 3268', pmpd 85 sks Class G cmt plug. Stung out of retainer, pulled tbg to 2949' and pmpd a 15 sk Class G cmt plug. GIH w/ bit & scraper & drilled out cmt and cmt retainer. COOH w/tbg & LD bit & scraper. Ret RBP. GIH w/SN & 165 stds tbg. ND BOP, NU wellhead. Ran rods & pump, MO well service, and returned well to production 12/20/90.

Test Prior to Workover - 13 BOPD, 507 BWPD, 5 MCFGPD
Test After Workover - 77 BOPD, 250 BWPD, 30 MCFGPD

Distribution:

5 - BLM, Farmington
2 - Utah O&GCC
1 - N. Anstine
1 - S. H. Oden
1 - P. J. Konkell
1 - Chieftain
1 - Mobil
1 - Texaco, Inc.
1 - PPCO, Houston
1 - PPCO, Cortez, RC

14. I hereby certify that the foregoing is true and correct

Signed S. H. Oden S. H. Oden Title District Superintendent Date January 25, 1991

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 1 1991

DIVISION OF
OIL GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

300 W. Arrington, Suite 200, Farmington, NM 87401 (505) 599-3412

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit E, 2080' FNL & 660' FWL
Sec. 21, T41S, R24E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

SW-I-4192

Ratherford Unit

8. Well Name and No.

Ratherford Unit #21-12

9. API Well No.

43-037-15752 *PCW*

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

mill well / prepare for vic test

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

March 5, 1991 Through March 20, 1991

MIRU well service unit 3-5-91. Break down and LD test Reda Pump. PU Impression block on tbg. COOH. PU WP shoe and 8 jts wash pipe, top bushing, bumped jar XO sub, hyd. jar, 6 drill collars, accellerator and XO. TIH. Tagged top of fish @ 5089.97 ft. RU drilling equipment and pumped 400 bbls water. Washed over 32 ft., wash pipe plugged up. Circ. pressure too high. COOH w/63 stds of tbg. Finished COOH w/tbg, drill collars and wash pipe. TIH w/tbg, washed over another 23 ft. Plugged up. COOH, mill shoe plugged up w/pieces of tbg. and rods. TIH RU drilling equipment and washed over 19 ft. to 5147'. Circ. well clean. TIH w/new mill shoe and made 26' to 5173 and circ. well clean. Washed over 8 ft rods and tbg. TIH w/larger ID mill shoe. washed over 10 ft. Total of 18 ft. to 5191'. Circ. well clean. TIH w/new mill shoe and milled to 5215'. Circ. well clean. Washed over 1' to 5216'. COOH, LD drill collars, wash pipe. TIH w/SN and 169 jts 2-7/8" tbg. RU swab unit and recovered 130 bbls. water. Ran rods & pump. SN set @5175'. MO well service and returned well to production 3-20-91.

cc: 5-BLM, 2-Utah O&GCC, 1-EPA,

1-N. Anstine, 1-V.S. Shaw, 1-Chieftain

1 - Mobil Oil, 1 - Texaco, 1-Chevron, 1-PPCO, Houston, 1-PPCO, Farmington

Test Prior to Workover - 0 BOPD, 0 BWPD

Test After Workover 34 BOPD, 22 BWPD

14. I hereby certify that the foregoing is true and correct

Signed

L. E. Robinson

Title

Sr. Drilling & Production Engr.

Date

April 8, 1991

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-603-355
2. Name of Operator Phillips Petroleum Company	6. If Indian, Allottee or Tribe Name Navajo Tribal
3. Address and Telephone No. 300 W. Arrington, Suite 200, Farmington, NM 87401 (505) 599-3412	7. If Unit or CA, Agreement Designation SW-I-4192
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit E, 24080' FNL & 660' FWL Sec. 21, T41S, R24E	8. Well Name and No. Ratherford Unit #21-12
	9. API Well No. 43-037-15752
	10. Field and Pool, or Exploratory Area Greater Aneth
	11. County or Parish, State San Juan, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Workover March 5, 1991 Through March 20, 1991

Test Prior to Workover - 50 BOPD, 147 BWPD
Test After Workover - 31 BOPD, 293 BWPD

RECEIVED

MAY 08 1991

CORRECTED COPY

DIVISION OF
OIL GAS & MINING

cc: 5 - BLM, 2 Utah O&GCC, 1 - EPA, 1 - N. Anstine, 1 - V.S. Shaw, 1 - Chieftain
1 - Mobil, 1 - Texaco, 1 - Chevron, 1 - PPCO, Houston, 1 - PPCO, Farmington

14. I hereby certify that the foregoing is true and correct

Signed L. E. Robinson Title Sr. Drlg. & Prod. Engr. Date 5-3-91

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
BLMFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

N.M. Navajo Tribal

7. If Unit or CA, Agreement Designation

SW-I-4192

Ratherford Unit

8. Well Name and No.

Ratherford Unit #21-12

9. API Well No.

43-037-15752

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

300 W. Arrington, Suite 200, Farmington, NM 87401 (505) 599-3612

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit E, 2080' FNL & 660' FWL
Sec. 21, T41S, R24E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☐
- Other

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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1 - Mobil Oil, 1 - Texaco, 1-Chevron, 1-PPCO, Houston, 1-PPCO, Farmington

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Test After Workover 34 BOPD, 22 BWPD

14. I hereby certify that the foregoing is true and correct

Signed

L. E. Robinson

Title

Sr. Drilling & Production Engr

Date

April 8, 1991

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OPERATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-603-355
2. Name of Operator Phillips Petroleum Company	6. If Indian, Allottee or Tribe Name Navajo Tribal
3. Address and Telephone No. 300 W. Arrington, Suite 200, Farmington, NM 87401 (505) 599-3412	7. If Unit or CA, Agreement Designation SW-I-4192
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit E, 2080' FNL & 660' FWL Sec. 21, T41S, R24E	8. Well Name and No. Ratherford Unit #21
	9. API Well No. 43-037-15752
	10. Field and Pool, or Exploratory Area Greater Aneth
	11. County or Parish, State San Juan, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

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RECEIVED

JUN 14 1991

CORRECTED COPY

DIVISION OF
OIL GAS & MINING

cc: 5 - BLM, 2 Utah O&GCC, 1 - EPA, 1 - N. Anstine, 1 - V.S. Shaw, 1 - Chieftain
1 - Mobil, 1 - Texaco, 1 - Chevron, 1 - PPCO, Houston, 1 - PPCO, Farmington

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Sr. Drlg. & Prod. Engr.

Date 5-3-91

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

FARMINGTON RESOURCE AREA

BY [Signature]

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*See instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Page 1 of 10

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

P J KONKEL
PHILLIPS PETROLEUM COMPANY
5525 HWY 64 NBU 3004
FARMINGTON NM 87401

RECEIVED

AUG 16 1993

ACCOUNT NUMBER: N0772

REPORT PERIOD (MONTH/YEAR):

6 / 93

DIVISION OF
OIL, GAS & MININGAMENDED REPORT ☐ (Highlight Changes)

Well Name					Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location						OIL(BBL)	GAS(MCF)	WATER(BBL)
#21-23					DSCR	POW	29	1374	883	58
4303713754	06280	41S	24E	21						
#3-44					DSCR	POW	30	111	94	2905
4303715031	06280	41S	24E	3						
#3-14					DSCR	POW	30	67	23	302
4303715124	06280	41S	24E	3						
#9-12					DSCR	POW	30	112	654	17363
4303715126	06280	41S	24E	9						
#9-14					DSCR	POW	30	201	315	423
4303715127	06280	41S	24E	9						
#28-12					PRDX	POW	29	112	47	2428
4303715336	06280	41S	24E	28						
#29-12					PRDX	POW	29	56	0	672
4303715337	06280	41S	24E	29						
#29-32					DSCR	POW	29	1402	287	2224
4303715339	06280	41S	24E	29						
#29-34					DSCR	POW	29	757	48	0
4303715340	06280	41S	24E	29						
#30-32					DSCR	POW	29	588	1049	3744
4303715342	06280	41S	24E	30						
#3-12					DSCR	POW	30	268	11	363
4303715620	06280	41S	24E	3						
#9-34					DSCR	POW	30	45	46	9800
4303715711	06280	41S	24E	9						
#10-12					DSCR	POW	30	45	23	1088
4303715712	06280	41S	24E	10						
TOTALS							5138	3480	41370	

COMMENTS: Effective July 1, 1993, Phillips Petroleum Company has sold its interest in the
Ratherford Unit to Mobil Exploration and Producing U.S., Incorporated, P. O. Box
633, Midland, Texas 79702. Mobil assumed operations on July 1, 1993.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8/11/93

Name and Signature: PAT KONKEL

Pat Konkell

Telephone Number: 505 599-3452

STATE OF UTAH
DIVISION OF OIL, GAS AND MININGPage 1 of 1

MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

L B Sheffield~~BRIAN BERRY~~~~M E P N A MOBIL~~~~POB 219031 1807A RENTWY~~ *P.O. DRAWER G*
~~DALLAS TX 75221-9031~~ *CORTEZ, Co. 81321*UTAH ACCOUNT NUMBER: N7370REPORT PERIOD (MONTH/YEAR): 7 / 93AMENDED REPORT ☐ (Highlight Changes)*X931006 updated. Jee*

ENTITY NUMBER	PRODUCT	GRAVITY	BEGINNING INVENTORY	VOLUME PRODUCED	DISPOSITIONS				ENDING INVENTORY
		BTU			TRANSPORTED	USED ON SITE	FLARED/VENTED	OTHER	
05980	OIL			177609	177609	0			
	GAS			72101	66216	5885			
11174	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
TOTALS				249710	243825	5885			

COMMENTS:

*PLEASE NOTE ADDRESS change. Mobil ~~ASSU~~ PRODUCTION Reports
will be compiled and sent from the Cortez, Co. office
IN THE FUTURE.*

I hereby certify that this report is true and complete to the best of my knowledge.

Name and Signature:

Lwell B Sheffield

Date:

9/5/93

Telephone Number:

*303.565.2212
244.658.2528*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO TRIBAL	
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME RATHERFORD UNIT	
2. NAME OF OPERATOR MOBIL OIL CORPORATION		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR P. O. BOX 633 MIDLAND, TX 79702		9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT GREATER ANETH 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY SAN JUAN	13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

APPROX. DATE WORK WILL START

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

REPAIRING WELL

☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) CHANGE OF OPERATOR

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

DATE OF COMPLETION

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

AS OF JULY1, 1993, MOBIL OIL CORPORATION IS THE OPERATOR OF THE RATHERFORD UNIT. ATTACHED ARE THE INDIVIDUAL WELLS.

18. I hereby certify that the foregoing is true and correct.

SIGNED

Shirley Todd

TITLE

ENV. & REG TECHNICIAN

DATE

9-8-93

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

Sept 29, 1993

TO: Lisha Cordova - Utah Mining
Oil & Gas

FROM: Janice Easley
BLM Farmington, NM
505 599-6355

Here is copy of Rutherford Unit
Successor Operator.

4 pages including this one.

*File Rotherford Unit (GC)*RECEIVED
BLM

JUL 27 AM 11:44

Navajo Area Office
P. O. Box 1060
Gallup, New Mexico 87305-1060

070 FARMINGTON, NM

ARES/543

JUL 26 1993

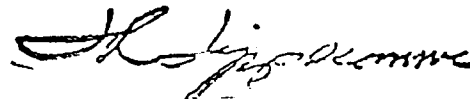
Mr. G. D. Cox
Mobil Exploration and
Producing North America, Inc.
P. O. Box 633
Midland, Texas 79702

Dear Mr. Cox:

Enclosed for your information and use is the approved Designation of Operator between the Phillips Petroleum Company and Mobil Exploration and Producing North America, Inc. for the Rotherford Unit.

Please note that all other concerned parties will be furnished their copy of the approved document.

Sincerely,



ACTING Area Director

Enclosure

cc: Bureau of Land Management, Farmington District Office w/enc.
TNN, Director, Minerals Department w/enc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

DESIGNATION OF OPERATOR

RECEIVED
BLM

Phillips Petroleum Company is, on the records of the Bureau of Indian Affairs, operator of the Ratherford Unit,

AREA OFFICE: Window Rock, Arizona
LEASE NO: Attached hereto as Exhibit "A"

JUN 27 11:44
070 FARMINGTON, NM

and, pursuant to the terms of the Ratherford Unit Agreement, is resigning as Unit Operator effective July 1, 1993, and hereby designates

NAME: Mobil Exploration and Producing North America Inc., duly elected pursuant to the terms of the Ratherford Unit Agreement,

ADDRESS: P. O. Box 633, Midland, Texas 79702
Attn: G. D. Cox

as Operator and local agent, with full authority to act on behalf of the Ratherford Unit lessees in complying with the terms of all leases and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160 and 25 CFR 211 and 212) with respect to (described acreage to which this designation is applicable):

Attached hereto as Exhibit "A"

Bond coverage under 25 CFR 211, 212 or 225 for lease activities conducted by the above named designated operator is under Bond Number 05202782 (attach copy). Evidence of bonding is required prior to the commencement of operations.

It is understood that this designation of operator does not relieve any lessee of responsibility for compliance with the terms of the leases and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the leases.

In case of default on the part of the designated operator, the lessees will make full and prompt compliance with all regulations, lease terms, stipulations, or orders of the Secretary of the Interior or his representative.

Attached is the appropriate documentation relevant to this document.

The designated operator agrees to promptly notify the authorized officer of any change in the operatorship of said Ratherford Unit.

Phillips Petroleum Company

June 17, 1993

By: M. B. [Signature]
Attorney-in-Fact

Mobil Exploration and Producing
North America Inc.

June 11, 1993

By: B. D. [Signature]
Attorney-in-Fact B.D. MARTINY

[Signature] ACTING AREA DIRECTOR
APPROVED BY TITLE DATE
7/9/93

APPROVED PURSUANT, TO SECRETARIAL REDELEGATION ORDER 209 DM 8 AND 230 DM 3.

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and therefore does not require OMB approval.

EXHIBIT "A"

ATTACHED TO AND MADE A PART OF DESIGNATION OF SUCCESSOR OPERATOR, RATHERFORD UNIT

EXHIBIT "C"

Revised as of September 29, 1992
SCHEDULE OF TRACT PERCENTAGE PARTICIPATION

<u>Tract Number</u>	<u>Description of Land</u>	<u>Serial Number and Effective Date of Lease</u>	<u>Tract Percentage Participation</u>
1	S/2 Sec. 1, E/2 SE/4 Sec. 2, E/4 Sec. 11, and all of Sec. 12, T-41-S, R-23-E, S.L.M., San Juan County, Utah	14-20-603-246-A Oct. 5, 1953	11.0652565
2	SE/4 and W/2 SW/4 Sec. 5, the irregular SW/4 Sec. 6, and all of Sec. 7 and 8, T-41-S, R-24-E, San Juan County, Utah	14-20-603-368 Oct. 26, 1953	14.4159942
3	SW/4 of Sec. 4, T-41-S, R-24-E, San Juan County, Utah	14-20-603-5446 Sept. 1, 1959	.5763826
4	SE/4 Sec. 4, and NE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4035 March 3, 1958	1.2587779
5	SW/4 of Sec. 3, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5445 Sept. 3, 1959	.4667669
6	NW/4 of Sec. 9, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5045 Feb. 4, 1959	1.0187043
7	NW/4, W/2 NE/4, and SW/4 Sec. 10, SE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4043 Feb. 18, 1958	3.5097575
8	SW/4 Sec. 9, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5046 Feb. 4, 1959	1.1141679
9	SE/4 Sec. 10 and S/2 SW/4 Sec. 11 T-41-S, R-24-E, San Juan County, Utah	14-20-603-4037 Feb. 14, 1958	2.6186804
10	All of Sec. 13, E/2 Sec. 14, and E/2 SE/4 and N/2 Sec. 24, T-41-S, R-23-E, S.L.M., San Juan County, Utah	14-20-603-247-A Oct. 5, 1953	10.3108861
11	Sections 17, 18, 19 and 20, T-41-S, R-24-E, San Juan County Utah	14-20-603-353 Oct. 27, 1953	27.3389265
12	Sections 15, 16, 21, and NW/4, and W/2 SW/4 Sec. 22, T-41-S, R-24-E, San Juan County, Utah	14-20-603-355 Oct. 27, 1953	14.2819339
13	W/2 Section 14, T-41-S, R-24-E, San Juan County, Utah	14-20-603-370 Oct. 26, 1953	1.8500847
14	N/2 and SE/4, and E/2 SW/4 Sec. 29, NE/4 and E/2 SE/4 and E/2 W/2 Irregular Sec. 30, and E/2 NE/4 Sec. 32, T-41-S, R-24-E, San Juan County, Utah	14-20-603-407 Dec. 10, 1953	6.9924969
15	NW/4 Sec. 28, T-41-S, R24-E San Juan County, Utah	14-20-603-409 Dec. 10, 1953	.9416393
16	SE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6504 July 11, 1961	.5750254
17	NE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6505 July 11, 1961	.5449292
18	NW/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6506 July 11, 1961	.5482788
19	NE/4 Sec. 4, T-41-S, R24-E San Juan County, Utah	14-20-0603-7171 June 11, 1962	.4720628
20	E/2 NW/4 Sec. 4, T-41-S, R-24-E San Juan County, Utah	14-20-0603-7172 June 11, 1962	.0992482

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____
(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

☐ Suspense
(Return Date) _____
(To - Initials) _____

☒ Other
OPERATOR CHANGE

1. Date of Phone Call: 10-6-93 : Time: 9:30

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☒
Talked to:

Name GLEN COX (Initiated Call ☐ - Phone No. (915) 688-2114
of (Company/Organization) MOBIL

3. Topic of Conversation: OPERATOR CHANGE FROM PHILLIPS TO MOBIL "RATHERFORD UNIT".
(NEED TO CONFIRM HOW OPERATOR WANTS THE WELLS SET UP - MEPNA AS PER BIA APPROVAL
OR MOBIL OIL CORPORATION AS PER SUNDRY DATED 9-8-93?)

4. Highlights of Conversation: _____
MR. COX CONFIRMED THAT THE WELLS SHOULD BE SET UNDER ACCOUNT N7370/MEPNA AS
PER BIA APPROVAL, ALSO CONFIRMED THAT PRODUCTION & DISPOSITION REPORTS WILL NOW
BE HANDLED OUT OF THEIR CORTEZ OFFICE RATHER THAN DALLAS.

MEPNA-

PO DRAWER G

CORTEZ, CO 81321

(303)565-2212

*ADDRESS CHANGE AFFECTS ALL WELLS CURRENTLY OPERATED BY MEPNA, CURRENTLY
REPORTED OUT OF DALLAS (MCELMO CREEK).

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	REC-7-S
2	DTG-8-F
3	VLC
4	RJF
5	IFC
6	PL

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-93)

TO (new operator)	<u>M E P N A</u>	FROM (former operator)	<u>PHILLIPS PETROLEUM COMPANY</u>
(address)	<u>PO DRAWER G</u>	(address)	<u>5525 HWY 64 NBU 3004</u>
	<u>CORTEZ, CO 81321</u>		<u>FARMINGTON, NM 87401</u>
	<u>GLEN COX (915)688-2114</u>		<u>PAT KONKEL</u>
	phone <u>(303) 565-2212</u>		phone <u>(505) 599-3452</u>
	account no. <u>N7370</u>		account no. <u>N0772(A)</u>

Well(s) (attach additional page if needed):

***RATHERFORD UNIT (NAVAJO)**

Name: **SEE ATTACHED**	API: <u>43-03715752</u>	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 8-20-93) (6/93 Prod. Rpt. 8-16-93)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Reg. 8-31-93) (Rec'd 9-14-93)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(O&G wells 10-6-93) (Wiw's 10-26-93)*
- See 6. Cardex file has been updated for each well listed above. *(O&G wells 10-6-93) (Wiw's 10-26-93)*
- See 7. Well file labels have been updated for each well listed above. *(O&G wells 10-6-93) (Wiw's 10-26-93)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-6-93)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- Y 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- Y 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- Y 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: 11/17 1993.

FILING

- Y 1. Copies of all attachments to this form have been filed in each well file.
- Y 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

931006 BIA/Btm Approved 7-9-93.

✓ 19W-21	43-037-15741	14-20-603-353	SEC. 19, T41S, R24E	NE/NW 660' FNL 1860' FWL
✓ 19-22	43-037-31046	14-20-603-353	SEC. 19, T41S, R24E	SE/NW 1840' FNL; 1980' FWL
✓ 19W-23	43-037-15742	14-20-603-353	SEC. 19, T41S, R24E	NE/SW 2080' FSL; 1860' FWL
✓ 19-31	43-037-31047	14-20-603-353	SEC. 19, T41S, R24E	NW/NE 510' FNL; 1980' FEL
✓ 19-32	43-037-15743	14-20-603-353	SEC. 19, T41S, R24E	SW/NE 1980' FNL; 1980' FEL
✓ 19-33	43-037-31048	14-20-603-353	SEC. 19, T41S, R24E	NW/SE 1980' FSL; 1980' FEL
✓ 19-34	43-037-15744	14-20-603-353	SEC. 19, T41S, R24E	SW/SE 660' FSL; 1980' FEL
✓ 19W-41	43-037-15745	14-20-603-353	SEC. 19, T41S, R24E	NE/NE 660' FNL; 660' FEL
✓ 19-42	43-037-30916	14-20-603-353	SEC. 19, T41S, R24E	SE/NE 1880' FNL, 660' FEL
✓ 19W-43	43-037-16420	14-20-603-353	SEC. 19, T41S, R24E	NE/SE 1980' FSL; 760' FEL
✓ 19-44	43-037-31081	14-20-603-353	SEC. 19, T41S, R24E	SE/SE 660' FSL; 660' FEL
✓ 19-97	43-037-31596	14-20-603-353	SEC. 19, T41S, R24E	2562' FNL, 30' FEL
✓ 20-11	43-037-31049	14-20-603-353	SEC. 20, T41S, R24E	NW/NW 500' FNL; 660' FWL
✓ 20-12	43-037-15746	14-20-603-353	SEC. 20, T41S, R24E	1980' FNL, 660' FWL
✓ 20-13	43-037-30917	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 2140' FSL, 500' FWL
✓ 20-14	43-037-15747	14-20-603-353	SEC. 20, T41S, R24E	660' FSL; 660' FWL
✓ 20W-21	43-037-16423	14-20-603-353	SEC. 20, T41S, R24E	660' FNL; 1880' FWL
✓ 20-22	43-037-30930	14-20-603-353	SEC. 20, T41S, R24E	SE/NW 2020' FNL; 2090' FWL
✓ 20W-23	43-037-15748	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 2080; 2120' FWL
✓ 20-24	43-037-30918	14-20-603-353	SEC. 20, T41S, R24E	SE/SW 820' FSL; 1820' FWL
✓ 20-31	43-037-31050	14-20-603-353	SEC. 20, T41S, R24E	NW/NE 660' FNL; 1880' FEL
✓ 20-32	43-037-15749	14-20-603-353	SEC. 20, T41S, R24E	SW/NE 1980' FNL, 1980' FEL
✓ 20-33	43-037-30931	14-20-603-353	SEC. 20, T41S, R24E	NW/SE 1910' FSL; 2140' FEL
✓ 20-34	43-037-15750	14-20-603-353	SEC. 20, T41S, R24E	660' FSL; 1850' FEL
✓ 20W-41	43-037-15751	14-20-603-353	SEC. 20, T41S, R24E	NE/NE 660' FNL; 660' FEL
✓ 20-42	43-037-31051	14-20-603-353	SEC. 20, T41S, R24E	SE/NE 1980' FNL; 660' FEL
✓ 20W-43	43-037-16424	14-20-603-353	SEC. 20, T41S, R24E	2070' FSL; 810' FEL
✓ 20-44	43-037-30915	14-20-603-353	SEC. 20, T41S, R24E	SE/SE 620' FSL; 760' FEL
✓ 20-66	43-037-31592	14-20-603-353	SEC. 20, T41S, R24E	SW/NW 1221' FWL; 1369' FNL
✓ 21-11	43-037-31052	14-20-603-355	SEC. 21, T41S, R24E	NW/NW 660' FNL; 660' FWL
✓ 21-12	43-037-15752	14-20-603-355	SEC. 21, T41S, R24E	2080' FNL; 660' FWL
✓ 21-13	43-037-30921	14-20-603-355	SEC. 21, T41S, R24E	NW/SW 2030' FSL; 515' FWL
✓ 21-14	43-037-15753	14-20-603-355	SEC. 21, T41S, R24E	SW/SW 660' FSL; 460' FWL
✓ 21W-21	43-037-16425	14-20-603-355	SEC. 21, T41S, R24E	NE/NW 660' FNL; 2030' FWL
✓ 21-32	43-037-15755	14-20-603-355	SEC. 21, T41S, R24E	SW/NE 1880' FNL; 1980' FEL
✓ 21-33	NA	14-20-603-355	SEC. 21, T41S, R24E	2000' FSL; 1860' FEL
✓ 21-34	43-037-15756	14-20-603-355	SEC. 21, T41S, R24E	SW/SE 660' FSL; 1980' FEL
✓ 21W-41	43-037-16426	14-20-603-355	SEC. 21, T41S, R24E	660' FNL; 810' FEL
✓ 21W-43	43-037-16427	14-20-603-355	SEC. 21, T41S, R24E	NE/NE 1980' FSL; 660' FEL
✓ 24-11	43-037-15861	14-20-603-247A	SEC. 24, T41S, R24E	510' FNL; 810' FWL
✓ 24W-21	43-037-16429	14-20-603-247	SEC. 24, T41S, R24E	4695' FSL; 3300' FEL
✓ 24W-43	43-037-16430	14-20-603-247	SEC. 24, T41S, R24E	2080' FSL; 660' FEL
✓ 24-31W	43-037-15862	14-20-603-247A	SEC. 24, T41S, R24E	NW/NE 560' FNL; 1830' FEL
✓ 24-32	43-037-31593	14-20-603-247A	SEC. 24, T41S, R24E	SW/NE 2121' FNL; 1846' FEL
✓ 24-41	43-037-31132	14-20-603-247A	SEC. 24, T41S, R24E	NE/NE 660' FNL; 710' FEL
✓ 24W-42	43-037-15863	14-20-603-247A	SEC. 24, T41S, R24E	660' FSL; 1980' FNL
✓ 28-11	43-037-30446	14-20-603-409	SEC. 28, T41S, R24E	NW/NW 520' FNL; 620' FWL
✓ 28-12	43-037-15336	14-20-603-409B	SEC. 28, T41S, R24E	SW/SE/NW 2121' FNL; 623' FWL
✓ 29-11	43-037-31053	14-20-603-407	SEC. 29, T41S, R24E	NW/NW 770' FNL; 585' FWL
✓ 29W-21	43-037-16432	14-20-603-407	SEC. 29, T41S, R24E	NE/NW 667' FNL; 2122' FWL
✓ 29-22	43-037-31082	14-20-603-407	SEC. 29, T41S, R24E	SE/NW 2130' FNL; 1370' FWL
✓ 29W-23	43-037-15338	14-20-603-407	SEC. 29, T41S, R24E	NE/SW 1846' FSL; 1832' FWL
✓ 29-31	43-037-30914	14-20-603-407	SEC. 29, T41S, R24E	NW/NE 700' FNL; 2140' FEL
✓ 29-32	43-037-15339	14-20-603-407	SEC. 29, T41S, R24E	1951' FNL; 1755' FEL
✓ 29-33	43-037-30932	14-20-603-407	SEC. 29, T41S, R24E	NW/SE 1860' FSL; 1820' FEL
✓ 29-34	43-037-15340	14-20-603-407	SEC. 29, T41S, R24E	817' FSL; 2096' FEL
✓ 29W-41	43-037-16433	14-20-603-407	SEC. 29, T41S, R24E	557' FNL; 591' FEL
✓ 29W-42	43-037-30937	14-20-603-407	SEC. 29, T41S, R24E	SE/NE 1850' FNL; 660' FEL
✓ 29W-43	43-037-16434	14-20-603-407	SEC. 29, T41S, R24E	NE/SE 1980' FSL; 660' FEL
✓ 30-21W	43-037-16435	14-20-603-407	SEC. 30, T41S, R24E	660' FNL; 1920' FWL
✓ 30-32	43-037-15342	14-20-603-407	SEC. 30, T41S, R24E	SW/NE 1975' FNL; 2010' FEL
✓ 30W-41	43-037-15343	14-20-603-407	SEC. 30, T41S, R24E	NE/NE 660' FNL; 660' FEL
✓ 3-34	NA 4303715711	NA 14206034043	NA SEC. 9, T. 41S, R. 24E	NA SW/SE 660' FSL 1980' FEL
✓ 12-43	43-307-31202	14-20-603-246	SEC. 12, T41S, R23E	2100' FSL; 660' FEL
✓ 12W31	43-037-15847	14-20-603-246	SEC. 12, T41S, R23E	661' FNL; 1981' FEL
✓ 13W24	43-037-15853	14-20-603-247	SEC. 13, T41S, R23E	SE/SW 660' FSL; 3300' FEL
✓ 15W23	43-037-16412	14-20-603-355	SEC. 15, T41S, R24E	2140' FSL; 1820' FWL
✓ 17-24	43-037-31044	14-20-603-353	SEC. 17, T41S, R24E	SE/SW 720' FSL; 1980' FWL
✓ 18-13	43-037-15734	14-20-603-353	SEC. 18, T41S, R24E	NW/NW 1980' FSL; 500' FWL
✓ 18W32	43-037-15736	14-20-603-353	SEC. 18, T41S, R24E	SW/NE 2140' FNL; 1830' FEL
✓ 20-68	43-037-31591	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 1276' FWL; 1615' FSL
✓ 21-23	43-037-13754	14-20-603-355	SEC. 21, T41S, R24E	NE/SW 1740' FSL 1740' FWL
✓ 28W21	43-037-16431	14-20-603-409	SEC. 29, T41S, R24E	660' FNL; 2022' FWL

PAID

PAID

PAID

PAID

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O MOBIL OIL CORP
M E P N A
PO DRAWER G
CORTEZ CO 81321

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 6 / 95

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
#18-13								
4303715734	06280	41S 24E 18	PRDX					
#19-12								
4303715739	06280	41S 24E 19	PRDX					
#19-14								
4303715740	06280	41S 24E 19	DSCR					
RATHERFORD UNIT 19-32 (RE-ENTRY)								
4303715743	06280	41S 24E 19	DSCR					
RATHERFORD UNIT 19-34 (RE-ENTRY)								
4303715744	06280	41S 24E 19	DSCR					
RATHERFORD 20-12 (RE-ENTRY)								
4303715746	06280	41S 24E 20	DSCR					
RATHERFORD UNIT 20-14 (RE-ENTRY)								
4303715747	06280	41S 24E 20	DSCR					
RATHERFORD UNIT 20-32 (RE-ENTRY)								
4303715749	06280	41S 24E 20	DSCR					
RATHERFORD 20-34 (RE-ENTRY)								
4303715750	06280	41S 24E 20	DSCR					
#21-12								
4303715752	06280	41S 24E 21	DSCR					
RATHERFORD UNIT 21-14 (RE-ENTRY)								
4303715753	06280	41S 24E 21	DSCR					
#21-32								
4303715755	06280	41S 24E 21	DSCR					
#21-34								
4303715756	06280	41S 24E 21	DSCR					
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date:

Name and Signature:

Telephone Number:

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ **Well File** _____
 (Location) Sec _____ Twp _____ Rng _____
 (API No.) _____

☐ **Suspense**
 (Return Date) _____
 (To - Initials) _____

☒ **Other**
OPER NM CHG _____

1. Date of Phone Call: 8-3-95 Time: _____

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☐)
 Talked to:

Name R. J. FIRTH (Initiated Call ☒) - Phone No. () _____
 of (Company/Organization) _____

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation: _____

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING
NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT
THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.

*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

1-LEC	7-PL
2-LWP	8-SJ
3-DEA	9-FILE
4-VLC	
5-RJF	
6-LWP	

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-2-95)

TO (new operator) **MOBIL EXPLOR & PROD**
 (address) **C/O MOBIL OIL CORP**
PO DRAWER G
CORTEZ CO 81321
 phone (303) **564-5212**
 account no. **N7370**

FROM (former operator) **M E P N A**
 (address) **C/O MOBIL OIL CORP**
PO DRAWER G
CORTEZ CO 81321
 phone (303) **564-5212**
 account no. **N7370**

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: <u>037-15752</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-21-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) ** No Fee Lease Wells at this time!*

- N/A Lee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ___ 2. A copy of this form has been placed in the new and former operators' bond files.
- ___ 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19__.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19__, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: October 6 1995.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950803 LIC F5/Not necessary!

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator MOBIL PRODUCING TX & NM INC.*

*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC. 21, T41S, R24E
2080' FNL & 660' FEL

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 21-12

9. API Well No.

43-037-15752

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other P&A PROCEDURE
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

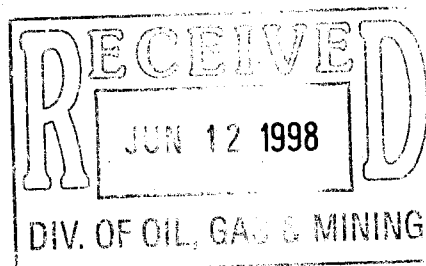
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED PLUG & ABANDONMENT PROCEDURE.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Federal Approval of this
Action is Necessary

COPY SENT TO OPERATOR
Date: 6-29-98
Initials: LBR



14. I hereby certify that the foregoing is true and correct

Signed Shirley Houchins

Title SHIRLEY HOUCHINS/ENV & REG TECH

Date 6-9-98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Ratherford Unit #21-12
Plug & Abandonment Procedure

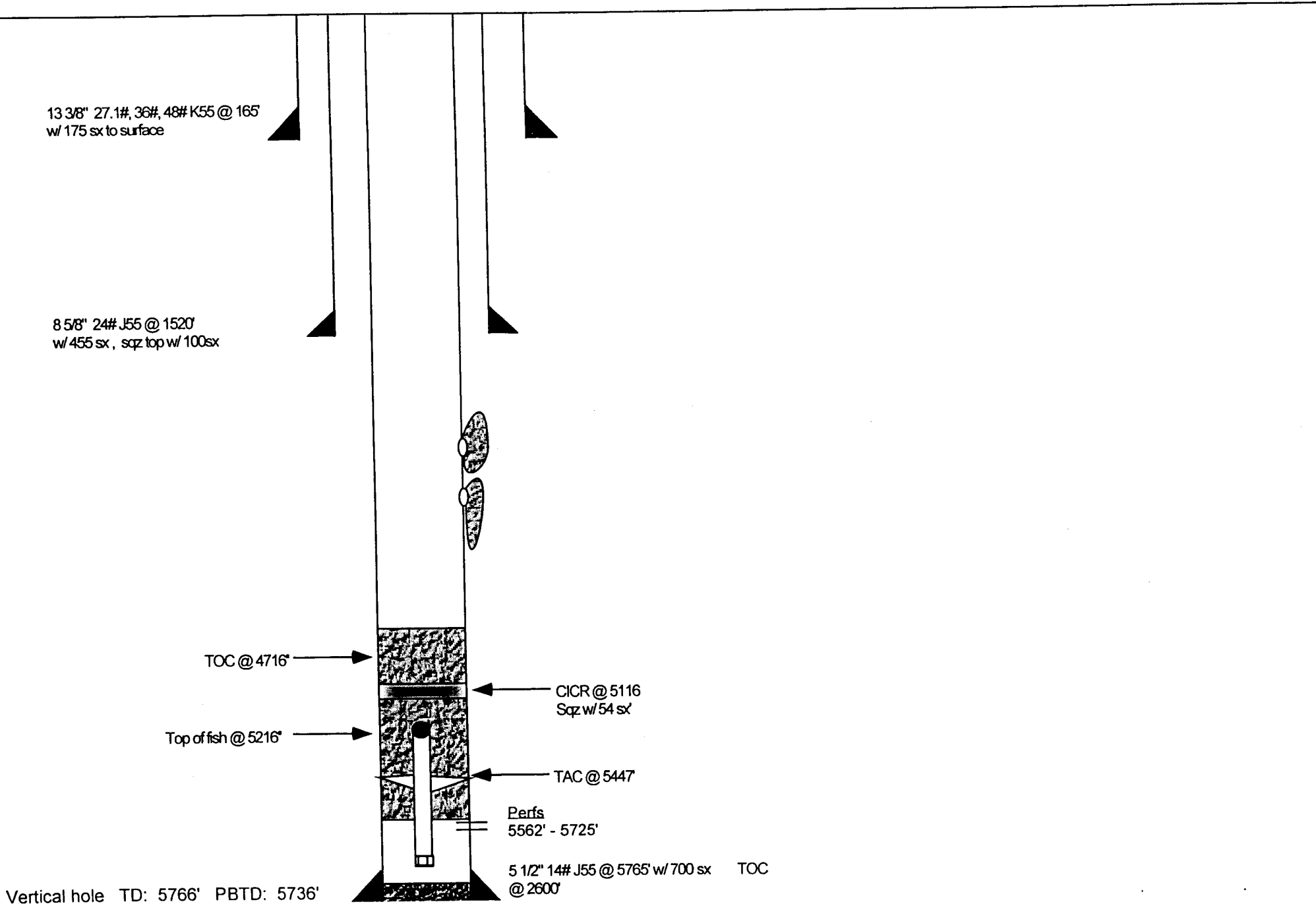
The objective of this operation is to plug & abandon the 21-12 wellbore as per BLM requirements.

1. Notify BLM and Navajo EPA 48 hours prior to plugging.
2. MIRU PU. ND wellhead. NU BOP. Pressure test BOPs.
3. RIH w/ 4 3/4" bit + ws and clean out to PBTD. POOH
4. RIH w/ ws. Tag Cmt @ 4716'. Circ hole clean.
5. PUH and spot 35 cu ft (250') plug across Hermosa formation.
6. POOH ws. RU wireline. Perf casing from 1610' – 1620' w/ 4 jspf.
7. RD WL. RIH w/ cement retainer + ws to 1520'. Set retainer. Test backside to 200#. Est injection rate thru perfs. Squeeze backside from 1620' to surface (w/ 100% excess). Pull out of retainer and reverse out.
8. RIH w/ ws and top fill casing to retainer @ 1520'.
9. If casing strings above ground, cut off and fill all strings w/ cement.
10. Weld on steel plate. Stamp on required P&A information.
11. ND BOP. NU WH. RDMO.

2080' FNL
660' FWL
S-21
T41S
R24E
San Juan Co., Utah

Ratherford Unit
21-12
Current Wellbore

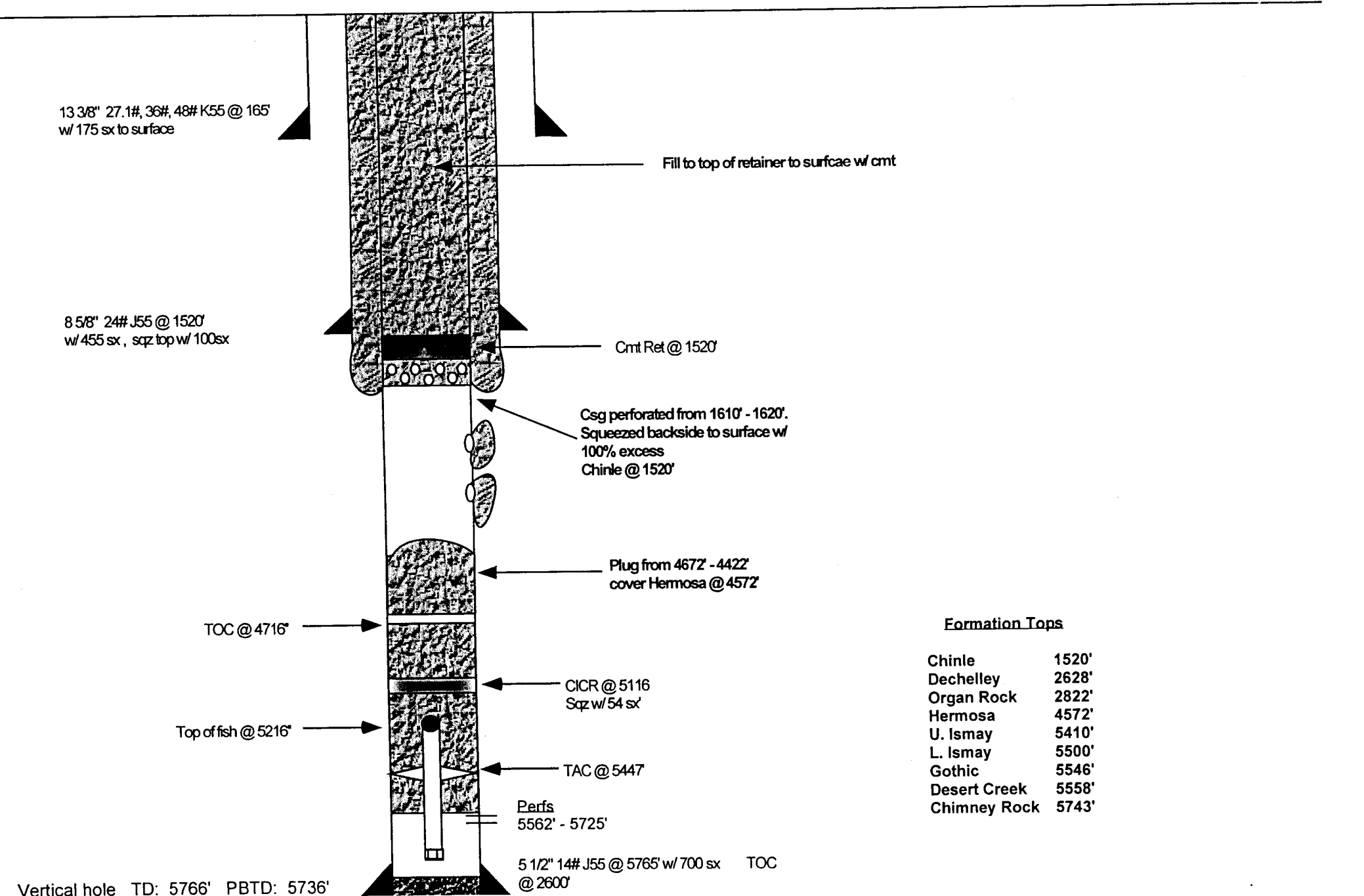
YPO: 6/08/98
KB: 4775'
GL: 4764'



2080' FNL
660' FWL
S-21
T41S
R24E
San Juan Co., Utah

Ratherford Unit
21-12
Proposed Wellbore

YPO: 6/08/98
KB: 4775'
GL: 4764'



UNITED STATES
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SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MOBIL PRODUCING TX & NM INC.*
*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC. 21, T41S, R24E
2080' FNL & 660' FEL

FORM APPROVED

Budget Bureau No. 1004-0135
Expires: March 31, 1993

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14-20-603-355

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 21-12

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GREATER ANETH

11. County or Parish, State

SAN JUAN UT

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☐ Subsequent Report
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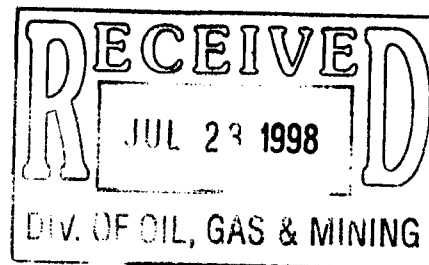
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other 96 WORKOVER/TA'D
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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2-17-96 SET CIGR @ 5116', SET PKR @ 3410', INSTALL PRESSURE GAUGES.
MONITOR PRESSURES WHILE ACIDIZING RATH 21-67. POOH W/PKR. STING INTO
CIGR. SQZ W/54 SXS CMT. SPOT 50 SXS ON TOP OF CIGR. (400' CMT ABOVE
RETAINER). CONTINUE TO MONITOR PRESSURE TBG & CSG PRESSURE OK. LOAD
CSG W/F.W. POOH TBG. TA WELL

COPY SENT TO OPERATOR
Date: 7-31-98
Initials: KDL



14. I hereby certify that the foregoing is true and correct

Signed

Shirley Houchins

Title SHIRLEY HOUCHINS/ENV & REG TECH

Date 7-20-98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval

Accepted by the
Utah Division of

Oil, Gas and Mining

Title 18 U.S.C. Sec. 1001(a)(2) prohibits knowingly and willfully making to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FOR RECORD ONLY

* See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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21-12

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SAN JUAN

UT

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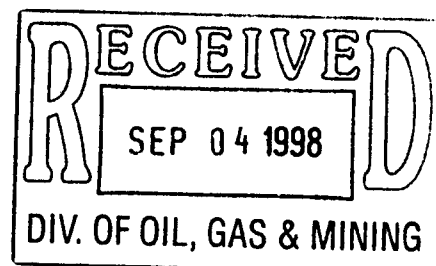
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SEE ATTACHED 8-21-98--8-25-98 PLUG & ABANDONMENT COMPLETE.



14. I hereby certify that the foregoing is true and correct

Signed

Shirley Houchins

Title SHIRLEY HOUCHINS/ENV & REG TECH

Date 9-02-98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

ATTACHMENT - FORM 3160-5
RATHERFORD UNIT 21-12
14-20-603-355
NAVAJO TRIBAL
SAN JUAN, UTAH

08-21-98 NOTIFIED NAVAJO EPA OF INTENT TO P&A WELL ON 8-21-98 @ 12:29, TALKED TO PRESTENE GARNENEZ , INFORMED OF INTENT TO DIG & LINE GROUND PIT. OK. TALKED TO WAYNE TOWNSEND @ BLM, INFORMED OF INTENT TO P&A WELL. OK. MIRU NAVAJO WEST RIG #36. NDPD WELLHEAD, WH PRESSURE @ 14:30 WAS 0 PSI., RU PUMP, PIT & FLOW LINES. 5 1/2" CASING ANN. PRESSURE OF 0 PSI. NDPL, RU NIPPLES & VALVES TO CSG ANN. SIFN.

08-22-98 SIP @ 7:30 WAS 0 PSI. PICK-UP & RIH W/2 7/8" OETBG. TO 4375.04, TAG UP ON FILL. RU & CIRC. OUT FILL F/4375.04' TO 4380'. COULD NOT ADVANCE. RU & TEST CSG TO 500 PSI. OK. CIRC. HOLE W/WTR. DOWELL MIX & PUMP 35 SXS OF CLASS 'B' NEAT CMT. PLUG. F/4380-4130' @ 15.6 PPG., 1.13 YEILD, 6.1 BBLS CMT. DISPLACE W/FRESH WTR. POH LD 2 7/8" TBG F/4380-4120'. RU & REVC. OUT CMT. RECV, CLEAN, RECV. TRACE OF CMT. RD DOWELL. POOH LD WORKSTRING F/4120-1510'. FIN. OUT OF HOLE IN STANDS. SIFN. (KEVIN J. SCHNEIDER W/NEW MEXICO BLM ON LOCATION THROUGH-OUT JOB.

08-24-98 SICP @ 7:30 WAS 0 PSI, MIRU SCHLUMBERGER PERF UT. RIH W/4" CSG GUN TO 4092', TAG TOP OF CMT. PLUG. POH TO 1610', PERF 5 1/2" CSG F/1610-1614' W/16 JET SHOTS. RD SCHLUMBERGER PERF UT., PICK-UP 5 1/2" CMT RET, RUN ON 2 7/8" TBG TO 1503.59', SET CMT RET. RU & TEST TBG TO 1000 PSI. OK. RU DOWELL, MIX & PUMP 219 SXS OF 65/35 POZ LIGHT CLASS 'G' CMT. + 6% GEL + 2% CACL2 AROUND 5 1/2" x 8 5/8" CSG ANN. DISPLACE W/FRESH WTR TO CMT RET. WO DOWELL CMT PUMP TRUCK. RIH W/OPEN END 2 7/8" TBG TO 1503.59. RU DOWELL CMT UT. DOWELL MIX & PUMP 144 SXS OF 65/35 POZ LIGH CLASS 'G' CMT + 6% GEL + 2% CACL2 F/1503.59-TO SURFACE. POOH & LD TBG PUMP, TOP OUT 5 1/2" CSG TO SURFACE. SIFN.

08-25-98 ND BOPE. CUT OF 8 5/8" CSG, CHIP AWAY CMT. WELD ON P&A MARKER @ GROUND LEVEL (5 1/2" x 8 5/8" CSG ANN CMT TOP @ SURF, 5 1/2" CMT TOP @ SURFACE). RDMO NAVAJO WEST RIG #36. FINAL P&A REPORT.